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	Application No.	Applicant(s)
	10/816,913	MORIMOTO, HIROYUKI
Notice of Allowability	Examiner	Art Unit
	Jae U. Yu	2185
The MAILING DATE of this communication apperature of the second property of the second property of the Mail Claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication IGHTS. This application is subject to	olication. If not included will be mailed in due course. THIS
1. Main This communication is responsive to amendment 5/7/2007	<u>7</u> .	
2. The allowed claim(s) is/are <u>1-15</u> .		
3.	e been received.	
2. Certified copies of the priority documents have		
 Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). 	cuments have been received in this i	national stage application from the
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements
4. A SUBSTITUTE OATH OR DECLARATION must be subminFORMAL PATENT APPLICATION (PTO-152) which give		
5. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.	
(a) ☐ including changes required by the Notice of Draftsper	son's Patent Drawing Review (PTO-	948) attached
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date	· •	
(b) ☐ including changes required by the attached Examiner Paper No./Mail Date	s Amendment / Comment or in the C	office action of
Identifying indicia such as the application number (see 37 CFR deach sheet. Replacement sheet(s) should be labeled as such in		
6. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT		
Attachment(s) 1. Notice of References Cited (PTO-892)	5. Notice of Informal P	atent Application
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Summary Paper No./Mail Dat	(PTO-413),
Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	7. Examiner's Amendr	nent/Comment
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. X Examiner's Stateme	ent of Reasons for Allowance
or biological material .	9. Other	
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DETAILED ACTION

The examiner acknowledges the applicant's submission of the amendment dated 5/7/2007. At this point claims 1-15 have been amended and claim 1-15 are pending in the instant application.

Conclusion

A. Claims Allowable in the Application

Claims 1, 6 and 11 are allowed.

Claims 1, 6 and 11 disclose a disk array system and its corresponding method comprising a plurality of hard disk drives, receiving unit, operation controller and disk controller. The operation controller calculates an excusive OR of the copies of the first storage data received from the receiving unit, and the disk controller stores the calculation result into the second hard disk drives, wherein the data is stored according to identifiers received from the receiving unit.

Meehan et al. and its incorporated references, Patterson et al. and Massiglia, teach a similar RAID architecture that stores parity for backup proposes.

However, the prior art of record neither anticipates nor renders obvious a combination that "such that the second storage blocks have a block length equal to the block length of the first storage blocks, wherein the first identifiers include first block numbers identifying said first storage blocks in corresponding ones of said other disk array systems, said second identifiers include second block numbers identifying said second storage blocks in said disk array system, and said first block numbers are

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identical to said second block numbers for corresponding first and second identifiers for all of said disk array system and other disk array systems".

As dependent claims 2-5, 7-10 and 12-15 depend from an allowable base claim; they are at least allowable for the same reasons as noted above.

B. Direction for Future Remarks

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jae Un Yu who is normally available from 9:00 A.M. to 5:30 P.M. Monday thru Friday and can be reached at the following telephone number: (571) 272-1133.

If attempts to reach the above noted examiner by telephone are unsuccessful, the Examiner's supervisor, Sanjiv Shah, can be reached at the following telephone number: (571) 272-4098.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you Application/Control Number: 10/816,913

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have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

September 29, 2007

Jae Un Yu

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J. Y.

SANJIV SHAH
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